

IN THE CLAIMS

The listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method of destructively editing a time based stream of information in a processing system, the method comprising:

capturing the time based stream of information from an information source having a transfer rate into a storage of the processing system in response to repetitive interrupts having a recurring rate substantially similar to the transfer rate for a period of time;

outputting the time based stream of information to a display window for the period of time based on an output rate substantially similar to the transfer rate;

playing the time based stream of information from the storage based on the transfer rate subsequent to the period of time;

outputting the time based stream of information to the display window substantially simultaneously with the play of the time based stream of information from the storage;

partitioning in a first display area of a display of the processing system the time based stream of information into a first portion and a second portion ~~of the time based stream of information~~, the first portion and the second portion being displayed as a first thumbnail and a second thumbnail in the first display area, wherein the first thumbnail includes a first reference referenced to a first segment of the time based stream of information stored in the storage and the second thumbnail includes a

second reference referenced to a second segment of the time based stream of information stored in the storage-consecutive in-time, based on the playing, the first portion being stored in a first part of the storage, the second portion being stored in a second part of the storage, the first portion being captured into the first part during a first time period of the period of time, the second portion being captured into the second part during a second time period of the period of time, the first part and the second part being consecutive in the storage, and the first part being of different size than the second part;

displaying in a second display area of the display of the processing system for authoring a presentation having a plurality of video clips in sequence, wherein each of the plurality of the video clips can be formed by selecting one of the thumbnails displayed in the first display area and placing the selected thumbnail into a particular location of the second display area;

in response to a user input, playing in a third display area of the display the presentation authored in the second display area;

selecting the first portion of the time based stream of information from the first display area;

in response to receiving a user deletion command for deleting the first portion, determining whether there are multiple references from one or more video clips of the second display area and/or from thumbnails displayed in the first display area that are currently referenced to the first portion; and

permanently deleting the first portion of the time based stream of information from the storage if there is no more than one reference currently referenced to the first

~~portion moving the second portion of the time based stream of information from the second part of the storage to the first part of the storage for deleting the first portion from the storage~~, without examining storage capacity state, in response to the user deletion command such that the first portion is no longer stored on the storage and is thereby destructively edited.

2. (Original) The method of claim 1, further including providing reference data corresponding to the stored time based stream information and wherein the selecting is by extracting the reference data from at least a portion of a reference.
3. (Original) The method of claim 2, wherein the reference forms at least one new reference with reference data to the remaining time based stream of information.
4. (Original) The method of claim 3, wherein the extracted reference data is from a portion nested within the reference and the reference splits into a first new reference corresponding to the information prior to the extracted reference data and a second new reference corresponding to the information after the extracted reference data.
5. (Previously Presented) The method of claim 2, further including depositing the extracted reference data in a trash depository prior to deleting the first portion.

6. (Previously Presented) The method of claim 1, wherein the moving is by permanently eliminating the first portion of the information from storage directly without an intermediary step.

7. (Cancelled)

8. (Currently Amended) A method for managing storage in a processing system, comprising:

capturing a time based stream of information from an information source

having a transfer rate into a storage ~~of the processing system in response to repetitive interrupts having a recurring rate substantially similar to the transfer rate for a period of time;~~

~~outputting the time based stream of information to a display window for the period of time based on an output rate substantially similar to the transfer rate;~~

~~playing the time based stream of information from the storage based on the transfer rate subsequent to the period of time;~~

~~outputting the time based stream of information to the display window~~

~~— substantially simultaneously with the play of the time based stream of information from the storage;~~

~~partitioning in a first display area of a display of the processing system the time based stream of information into a first portion and a second portion of the time based stream of information, the first portion and the second portion being displayed as a first thumbnail and a second thumbnail in the first display area, wherein the first~~

thumbnail includes a first reference referenced to the first segment of the time based stream of information stored in the storage and the second thumbnail includes a second reference referenced to a second segment of the time based stream of information stored in the storage; consecutive in time, based on the playing, the first portion being stored in a first part of the storage, the second portion being stored in a second part of the storage, the first portion being captured into the first part during a first time period of the period of time, the second portion being captured into the second part during a second time period of the period of time, the first part and the second part being consecutive in the storage, and the first part being of different size than the second part;

displaying in a second display area of the display of the processing system for authoring a presentation having a plurality of video clips in sequence, wherein each of the plurality of the video clips can be formed by selecting one of the thumbnails displayed in the first display area and placing the selected thumbnail into a particular location of the second display area;

in response to a user input, playing in a third display area of the display the presentation authored in the second display area;

selecting the first portion of the time based stream of information in response to a user selection command;

in response to a deletion command received from a user for deleting the selected first portion, determining whether the first portion is represented by more than one reference data containing processing information corresponding to the time based stream of information; and

permanently deleting the first portion of the time based stream of information from the storage of the processing system if there is no more than one reference data associated with the first portion containing processing information corresponding to the time based stream of information moving the second portion of the time based stream of information from the second part of the storage to the first part of the storage for deleting the first portion from the storage, without examining storage capacity state, if the first portion is not represented by more than one reference data such that the first portion is no longer stored on the storage and is thereby destructively edited.

9. (Original) The method of claim 8, further including depositing corresponding reference data in a trash depository prior to deleting the information.

10. (Previously Presented) The method of claim 9, wherein the deleting further includes determining if a cancel command is not received.

11. (Original) The method of claim 8, wherein the selecting is by extracting corresponding reference data from at least a portion of a reference.

12. (Previously Presented) The method of claim 11, wherein if a cancel command is received, the extracted reference data is replaced in the reference and the first portion is not deleted.

13. (Original) The method of claim 11, wherein the reference forms at least one new reference to the remaining time based stream of information after extracting.
14. (Original) The method of claim 13, wherein the extracted reference data is nested in the reference and the reference splits into a first new reference corresponding to the information prior to the extracted reference data and a second new reference corresponding to the information after the extracted reference data.
15. (Previously Presented) A method of claim 8, wherein the moving is by permanently eliminating the first portion of the information from storage directly without an intermediary step.
16. (Cancelled)
17. (Currently Amended) A time based stream of information processing system comprising:
a storage for storing a time based stream of information;
a capture port for acquiring the time based stream of information from an information source having a transfer rate into the storage ~~in response to repetitive interrupts having a recurring rate substantially similar to the transfer rate for a period of time;~~
a display device for presenting a graphical user interface (GUI) for editing the time based stream of information stored in the storage, wherein the time based stream of information is partitioned in a first display area a first portion and aa second

portion, the first and second portions being displayed as a first thumbnail and a second thumbnail representing the first and second portions, wherein the first thumbnail includes a first reference referenced to a first segment of the time based stream of information stored in the storage and the second thumbnail includes a second reference referenced to a second segment of the time based stream of information stored in the storage, wherein any of the first and second thumbnails can be selected and placed into a second display area of the display for authoring a presentation, and wherein the presentation can be played in a third display area of the display-a display-window-to output the time-based stream of information, the display-window outputting the time-based stream of information in response to the repetitive interrupts according to an output rate substantially similar to the transfer rate during the period of time, the display window outputting the time based stream of information from the storage based on the transfer rate subsequent to the period of time, a first portion and a second portion of the time based stream of information being partitioned based on the output of the time based stream of information from the storage, the first portion and the second portion being consecutive in time, the first portion being stored in a first part of the storage, the second portion being stored in a second part of the storage, the first portion being captured into the first part during a first time period of the period of time, the second portion being captured into the second part during a second time period of the period of time, the first part and the second part being consecutive in the storage, and the first part being of different size than the second part; and

a processor for selecting the first portion of the time based stream of information and in response to a user deletion command for permanently deleting the first portion from the storage if there is no more than one references referenced to the first portion ~~and moving the second portion of the time based stream of information from the second part of the storage to the first part of the storage for deleting the first portion of the information from the storage,~~ without examining storage capacity state, ~~in response to a user deletion command~~ such that the first portion is no longer stored on the storage and is thereby destructively edited.

18. (Original) The system of claim 17, wherein the display device includes a deletion control.

19. (Original) The system of claim 17, wherein the storage further includes at least one reference having data corresponding to the time based stream of information and the processor is further for deleting the reference data.

20. (Original) The system of claim 19, wherein the processor is further for forming at least one new reference with reference data to the remaining time based stream of information after deleting the reference data.

21. (Cancelled)

22. (Currently Amended) A processing system for destructively editing a time based stream of information to generate a presentation comprising:

means for capturing the time based stream of information from an information source having a transfer rate into a storage of the processing system;

means for partitioning in a first display area of a display of the processing system the time based stream of information into a first portion and a second portion, the first portion and the second portion being displayed as a first thumbnail and a second thumbnail in the first display area, wherein the first thumbnail includes a first reference referenced to a first segment of the time based stream of information stored in the storage and the second thumbnail includes a second reference referenced to a second segment of the time based stream of information stored in the storage;

means for displaying in a second display area of the display of the processing system for authoring a presentation having a plurality of video clips in sequence, wherein each of the plurality of the video clips can be formed by selecting one of the thumbnails displayed in the first display area and placing the selected thumbnail into a particular location of the second display area;

in response to a user input, means for playing in a third display area of the display the presentation authored in the second display area;

means for selecting the first portion of the time based stream of information from the first display area;

in response to receiving a user deletion command for deleting the first portion, means for determining whether there are multiple references from one or more video clips of

the second display area and/or from thumbnails displayed in the first display area that are currently referenced to the first portion; and

means for permanently deleting the first portion of the time based stream of information from the storage if there is no more than one reference currently referenced to the first portion, without examining storage capacity state, in response to the user deletion command such that the first portion is no longer stored on the storage and is thereby destructively edited.

means for capturing the time based stream of information from an information source having a transfer rate into a storage in response to repetitive interrupts having a recurring rate substantially similar to the transfer rate for a period of time;

means for outputting the time based stream of information to a display window for the period of time based on an output rate substantially similar to

— the transfer rate; means for playing the time based stream of information from the storage based on the transfer rate subsequent to the period of time;

means for outputting the time based stream of information to the display window substantially simultaneously with the play of the time based stream of information from the storage;

means for partitioning, a first portion and a second portion of the time based stream of information based on the playing, the first portion and the second portion being consecutive in time, the first portion being stored in a first part of the storage, the second portion being stored in a second part of the storage the first portion being captured into the first part during a first time period of the period of time, the second portion being captured into the second part during a second time period of

the period of time, the first part and the second part being consecutive in the storage, and the first part being of different size—than the second part; means for selecting the first portion of the time-based stream of information; means for receiving a user deletion command; and means for moving the second portion of the time based stream of information from the second part of the storage to the first part of the storage for deleting the first portion of the information from the storage, without examining storage capacity state, in response to the user deletion command such that the first portion is no longer stored on the storage and is thereby destructively edited.

23. (Original) The system of claim 22, further including a means for providing a reference corresponding to the stored time based stream information and wherein the selecting is by extracting at least a portion of the reference.
24. (Original) The system of claim 23, wherein the extracted reference forms at least one new reference to the remaining time based stream of information.
25. (Original) The system of claim 24, wherein the extracted portion is from a portion nested in the reference and the reference splits into a first new reference corresponding to the information prior to the extracted portion and a second new reference corresponding to the information after the extracted portion.

26. (Previously Presented) The system of claim 22, wherein the moving is by permanently eliminating the first portion of the information from storage directly without an intermediary step.

27. (Cancelled)

28. (Currently Amended) A computer readable medium encoded with a plurality of computer-executable instructions being executed by a processing system for collecting a time based stream of information and generating a presentation, cause the processor to perform a method, the method comprising:

capturing the time based stream of information from an information source having a

transfer rate into a storage of the processing system;

partitioning in a first display area of a display of the processing system the time based

stream of information into a first portion and a second portion, the first portion

and the second portion being displayed as a first thumbnail and a second

thumbnail in the first display area, wherein the first thumbnail includes a first

reference referenced to a first segment of the time based stream of information

stored in the storage and the second thumbnail includes a second reference

referenced to a second segment of the time based stream of information stored in

the storage;

displaying in a second display area of the display of the processing system for authoring a

presentation having a plurality of video clips in sequence, wherein each of the

plurality of the video clips can be formed by selecting one of the thumbnails

displayed in the first display area and placing the selected thumbnail into a particular location of the second display area;

in response to a user input, playing in a third display area of the display the presentation authored in the second display area;

selecting the first portion of the time based stream of information from the first display area;

in response to receiving a user deletion command for deleting the first portion,

determining whether there are multiple references from one or more video clips of the second display area and/or from thumbnails displayed in the first display area that are currently referenced to the first portion; and

permanently deleting the first portion of the time based stream of information from the storage if there is no more than one reference currently referenced to the first portion, without examining storage capacity state, in response to the user deletion command such that the first portion is no longer stored on the storage and is thereby destructively edited.

capture the time based stream of information from an information source having a transfer rate into a storage in response to repetitive interrupts having a recurring rate substantially similar to the transfer rate for a period of time;

output the time based stream of information to a display window for the period of time based on an output rate substantially similar to the transfer rate;

play the time based stream of information from the storage based on the transfer rate subsequent to the period of time; output the time based stream of information to

the display window substantially simultaneously with the play of the time-based stream of information from the storage;

partition a first portion and a second portion of the time-based stream of information, the first portion and the second portion being consecutive in time, the first portion being stored in a first part of the storage, the second portion being stored in a second part of the storage, the first portion being captured into the first part during a first time period of the period of time, the second portion being captured into the second part during a second time period of the period of time, the first part and the second part being consecutive in the storage, and the first part being of different size than the second part;

select the first portion of the time-based stream of information;

receive a user deletion command; and

move the second portion of the time-based stream of information from the second part of the storage to the first part of the storage for deleting the first portion of the information from the storage, without examining storage capacity state, in response to the user deletion command such that the first portion is no longer stored on the storage and is thereby destructively edited.

29. (Original) The computer readable medium of claim 28, further including additional sequences of executable instructions, which, when executed by the processor, cause the processor to provide a reference corresponding to the stored time based stream information and wherein the selecting is by extracting reference data from at least a portion of the reference.

30. (Original) The computer readable medium of claim 29, wherein the extracted reference forms at least one new reference with reference data to the remaining time based stream of information.

31. (Original) The computer readable medium of claim 30, wherein the extracted reference data is from a portion nested in the reference and the reference splits into a first new reference corresponding to the information prior to the extracted reference data and a second new reference corresponding to the information after the extracted reference data.

32. (Previously Presented) The computer readable medium of claim 29, further including additional sequences of executable instructions, which, when executed by the processor, cause the processor to deposit the extracted reference data in a trash depository prior to deleting the first portion.

33. (Previously Presented) The computer readable medium of claim 28, wherein the moving is by permanently eliminating the first portion of the information from storage directly without an intermediary step.

34. (Cancelled)